Call is used to call subnoutine (function)

1) LCALL: long call

Litis 3 byte instruction

I second and third bytes are called

Target address

Target address = 16 bits = 2 bytes

 $2^{16} = 2^6 \times 2^6 = 64 \text{KB}$

LCALL can call subroutine located up to 64 KB

2 A CALL: Absolute call

1 is 2 byte instruction

sbits - s aprode

11 bits is used as target address

Torgeb address = 11 bit - 2 2 = 2KB

- L(ALL increment SP by 2 - RET decrement SP by 2

address show me Stack OISOHLCALL SORI INC A ORG 250H SQR1: MOV R2, #80# PUSH 2 Pop after PUSH 2 RET < R2 804 - OAH 09 A 08H after RET 80 0 1 H

- In any subventine # of push = # of pop instruction, @

affects stack

PUSH, POP, RET, LCALL, MON SP, # ----